

WASHINGTON STATE DEPARTMENT OF HEALTH OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald Melvin, Environmental Specialist

AREA: Hood Canal #5

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from each station in the growing area 6 times during the year using the systematic random sampling method.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☐ Well within the classification standards
- ☒ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified.

The 2002 shoreline survey identified two portions of the growing area having potential sources of pollution due to high-density development, poor soils, and on-site sewage systems located within 50 feet of the shoreline. These areas are on the western shoreline between Clark Creek and Miller Creek and the southern shoreline of Ayock Point. No commercial harvesting is approved in those portions at this time.

TABLE 1**SUMMARY OF MARINE WATER DATA (SRS)**Growing Area: **HOOD CANAL #5**Classification: **Approved,Prohibited,Unclassified**From **11/20/2000** To **12/12/2005****FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
167	Approved	31	1.7 - 13.0	2.0	3.0	Yes
169	Approved	31	1.7 - 23.0	2.0	4.0	Yes
170	Approved	31	1.7 - 11.0	1.8	2.0	Yes
172	Approved	31	1.7 - 31.0	2.0	4.0	Yes
173	Approved	31	1.7 - 79.0	2.2	6.0	Yes
174	Approved	31	1.7 - 33.0	2.1	5.0	Yes
175	Approved	31	1.7 - 11.0	1.8	2.0	Yes
176	Approved	31	1.7 - 11.0	2.0	3.0	Yes
177	Approved	31	1.7 - 23.0	1.9	3.0	Yes
178	Approved	31	1.7 - 17.0	2.1	4.0	Yes
179	Approved	31	1.7 - 7.8	1.9	3.0	Yes
180	Approved	31	1.7 - 33.0	1.9	3.0	Yes
181	Approved	31	1.7 - 7.8	2.0	3.0	Yes
182	Approved	31	1.7 - 49.0	2.2	5.0	Yes
183	Approved	31	1.7 - 13.0	2.0	3.0	Yes
184	Approved	31	1.7 - 49.0	3.2	12.0	Yes
187	Approved	31	1.7 - 49.0	2.1	4.0	Yes
188	Approved	31	1.7 - 14.0	1.9	3.0	Yes
189	Approved	31	1.7 - 33.0	2.8	8.0	Yes
190	Approved	31	1.7 - 7.8	1.9	2.0	Yes
191	Approved	31	1.7 - 130.0	2.8	10.0	Yes
193	Approved	31	1.7 - 13.0	2.0	3.0	Yes
194	Approved	30	1.7 - 14.0	2.2	4.0	Yes
185	Prohibited	31	1.7 - 33.0	3.1	10.0	Yes
186	Prohibited	31	1.7 - 170.0	5.9	33.0	Yes
303	Unclassified	15	1.7 - 13.0	3.3	8.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *

HOOD CANAL #5

